

Application No. 10/686,546
Amendment dated July 24, 2006
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group 3654

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A tool for opening a cable having a length of filament disposed within a sheath, the tool comprising:
 - a proximal portion having a shaft and a first flange, wherein the shaft is fixedly coupled with the first ~~connected with a shaft extending from the~~ flange and is adapted for engagement with a powered mechanical rotation device; and
 - a distal portion having a second flange; and
 - a column coupled with one of the proximal and distal portions, the column mechanically and detachably engaged with the other of the proximal and distal portions and including a cavity adapted to grip the filament and disposed such that the cavity is between the first and second flanges when the column is engaged with the other of the proximal and distal portions.
2. (Original) The tool recited in claim 1 wherein the column is fixedly coupled with the one of the proximal and distal portions.
3. (Original) The tool recited in claim 1 wherein:
 - the column comprises a hollow interior; and
 - the cavity comprises a hole extending through a surface of the column to the hollow interior.
4. (Original) The tool recited in claim 1 wherein cavity comprises a plurality of cavities, each such cavity being adapted to grip the filament.

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5. (Original) The tool recited in claim 1 wherein the powered mechanical rotation device is a hand-held drill.
6. (Original) The tool recited in claim 1 wherein:
the first flange comprises a threaded hole; and
the column is threaded at a proximal end for threading into the threaded hole,
whereby the column is detachably engaged with the proximal portion and coupled with the distal portion.
7. (Original) The tool recited in claim 1 wherein:
the second flange comprises a threaded hole; and
the column is threaded at a distal end for threading into the threaded hole,
whereby the column is detachably engaged with the distal portion and coupled with the proximal portion.
8. (Canceled)
9. (Currently Amended) A method for opening a cable having a length of filament disposed within a sheath, the method comprising:
attaching an end of the filament to a tool having a column fixedly coupled with a ~~proximal flange~~ and a distal flange, ~~the column~~ and mechanically and detachably engaged with a proximal flange, ~~one of the flanges~~ and including a cavity adapted to grip the filament;
thereafter, rotating a shaft fixedly coupled with the proximal flange to pull the filament from the sheath and to spool the filament about the column; and
thereafter, separating ~~one of the proximal flange~~ flanges from the column to release the spooled filament.
10. (Currently Amended) The method recited in claim 9 wherein rotating the shaft ~~column~~ comprises rotating the shaft ~~column~~ with a powered mechanical rotation device engaged with the tool.

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11. (Original) The method recited in claim 10 wherein the powered mechanical rotation device is a hand-held drill.

12. (Canceled)

13. (Currently Amended) The method recited in claim ~~9~~ 12 wherein separating one of the flanges from the column comprises separating ~~a~~ the first of the flanges from the column.

14. (Currently Amended) The method recited in claim ~~9~~ 12 wherein separating one of the flanges from the column comprises separating a second of the flanges from the column.

15. (Original) The method recited in claim 9 wherein:
the one of the flanges comprises a threaded hole into which a threaded end of the column is screwed; and
separating the one of the flanges from the column comprises unscrewing the column relative to the one of the flanges.

16. (Original) The method recited in claim 9 wherein the filament comprises a strength member of an optical-fiber cable.

17-20. (Canceled)

21. (Currently Amended) A tool for opening a cable having a length of filament disposed within a sheath, the tool comprising:
a powered mechanical rotation device comprising a chuck;
a proximal portion having a shaft and a first flange, wherein the shaft is fixedly coupled with the first ~~connected with a shaft extending from the~~ flange and is engaged with the powered mechanical rotation device, wherein the first flange comprises a threaded hole and the shaft comprises a flat surface configured to be inserted and secured into the chuck;
a distal portion having a second flange comprising a hex cap configured to be turned with a wrench; and

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a column coupled with the distal portion and fixedly coupled with the hex cap, wherein the column is threaded at a proximal end for threading into the threaded hole, the column mechanically and detachably engaged with the proximal portion and including a cavity adapted to grip the filament and disposed such that the cavity is between the first and second flanges when the column is engaged with the proximal portion.